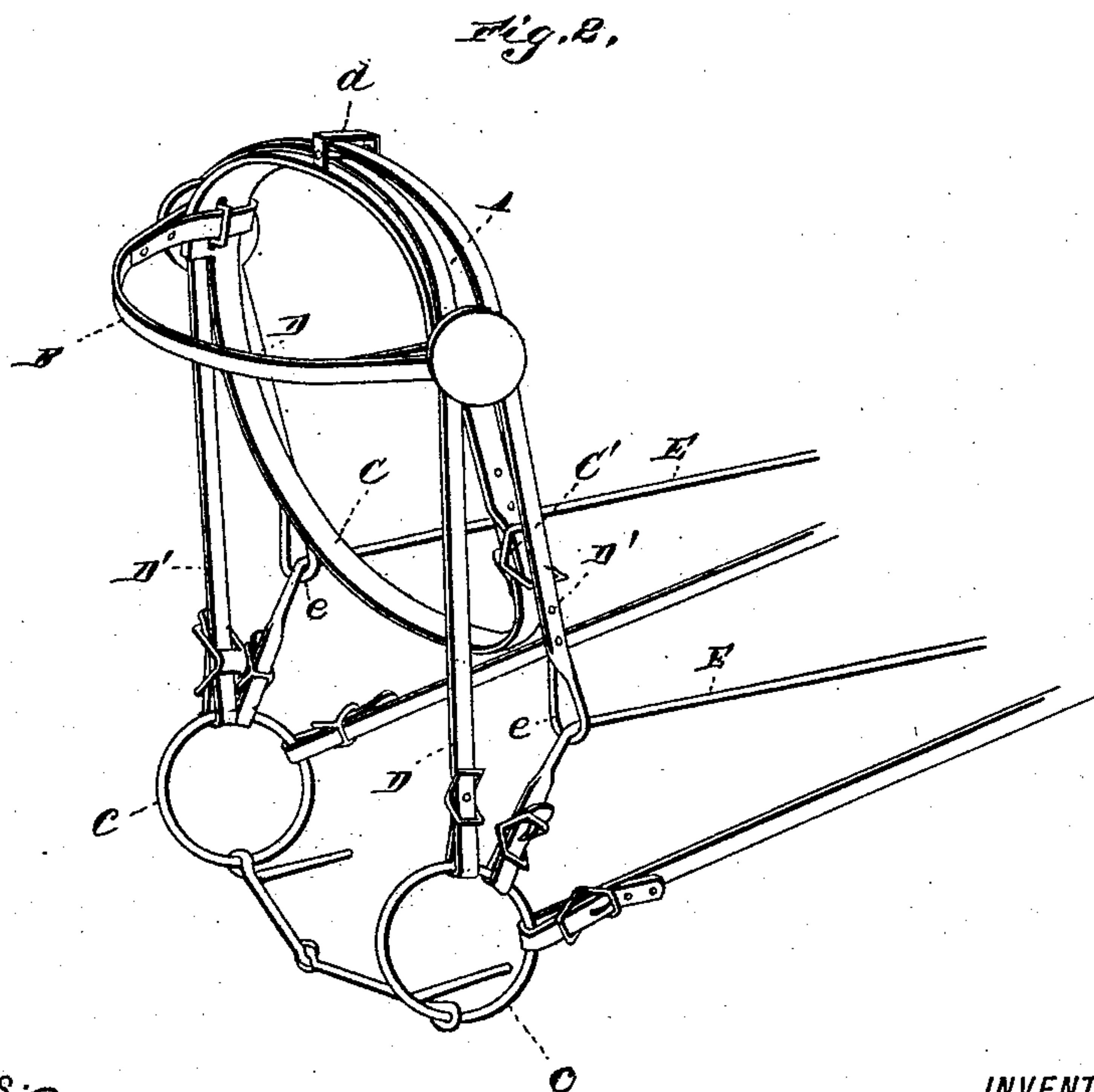
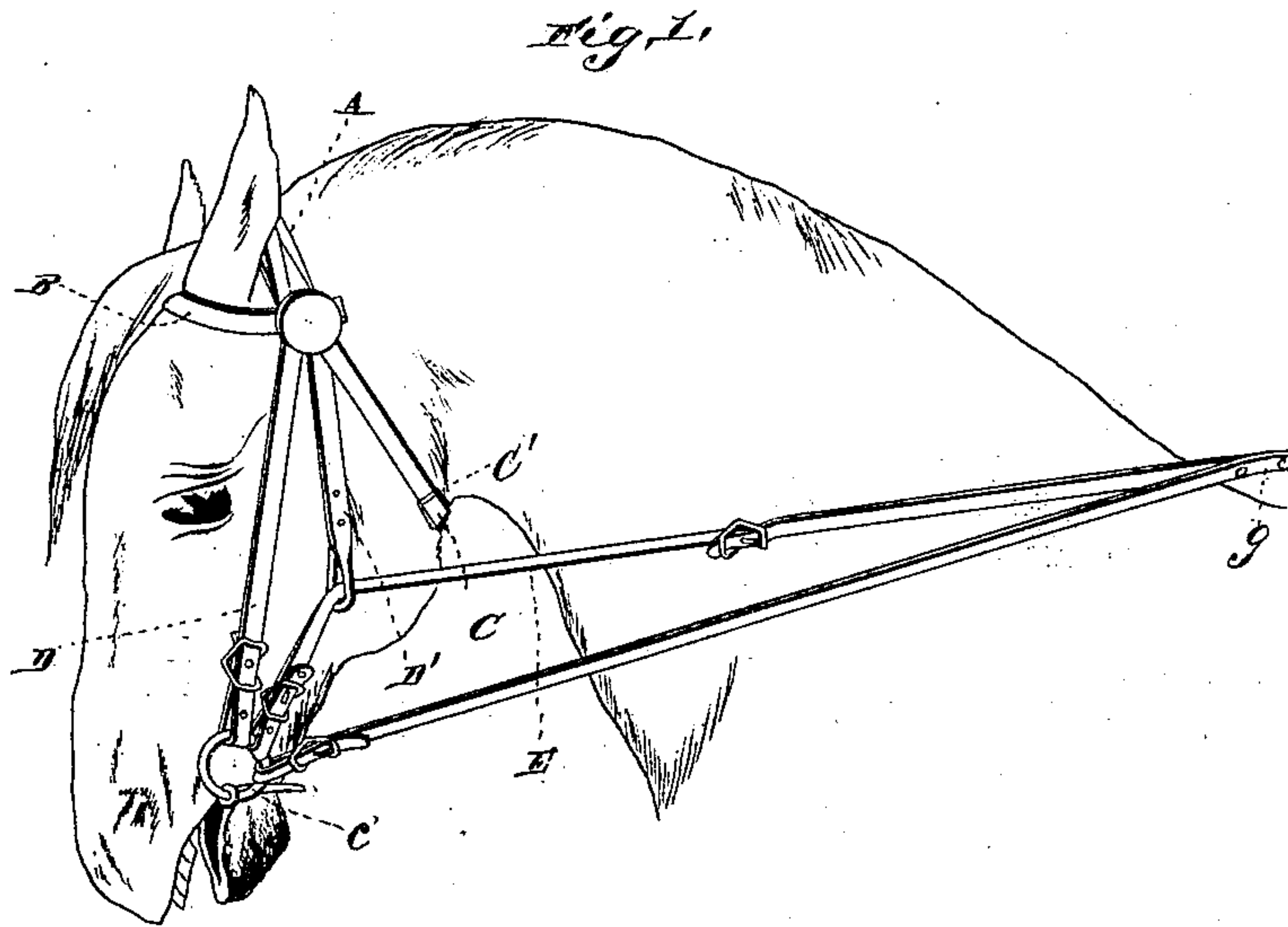


(No Model.)

H. SCHMITZ.  
BRIDLE.

No. 453,943.

Patented June 9, 1891.



WITNESSES:  
*Chas. B. Taylor*  
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*his* ATTORNEY.

# UNITED STATES PATENT OFFICE.

HENRY SCHMITZ, OF WYMORE, NEBRASKA.

## BRIDLE.

SPECIFICATION forming part of Letters Patent No. 453,943, dated June 9, 1891.

Application filed January 26, 1891. Serial No. 379,111. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY SCHMITZ, a citizen of the United States, and a resident of Wymore, in the county of Gage and State of Nebraska, have invented certain new and useful Improvements in Bridles; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of the bridle applied to the horse, and Fig. 2 is a perspective view.

The invention has relation to certain new and useful improvements in bridles, whereby more perfect control may be had over the bit; and it consists in the novel construction and combination of parts hereinafter fully set forth, and pointed out in the claims.

In the accompanying drawings, illustrating the invention, the letter A represents the headstall or strap, consisting of the short strap or pad having near each end a perforation for fastening the rosettes thereto.

B is the brow-band, having a loop at each end, through which pass the headstall and the cheek or side straps hereinafter to be described.

C is the throat-latch, and C' its billet or buckle. These pieces may be connected to the headstall or strap, or they may be extensions thereof, as shown.

D D' represents the cheek or side straps, which at their lower end have a reverse buckle or other suitable connection with the bit-rings c c. These straps are then loosely passed up through the loops on the ends of the brow-bands, respectively, thence up and through a double roller-loop d at the center of the head-piece A, at which point the two straps cross each other, as shown. After crossing at the central top portion of the head-piece the straps D D' are respectively carried down the opposite sides of the bridle, terminating each shortly below the brow-band loops, through which they again pass in the loops or eyes e,

through which the bridle-reins E, connected to the bit-rings, are passed. At the points g the bridle-reins have a buckle or other suitable connection with the lines H, as shown. It will be seen that by this arrangement of the side straps and by connecting the lines to the bridle-reins passing through the loops or eyes at the ends of said side straps a powerful double purchase can be exerted on the bit, whereby it can be drawn up into the corners of the mouth, bringing the horse onto his hind feet, if necessary. It will also be seen that the horse can be prevented from taking the bit between his teeth.

Having thus described the invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The bridle having its side or cheek straps each passed up and over the top of the head-piece, crossing each other thereat, passed through an anti-friction loop, and terminating each on the opposite side of the bridle in a loop or eye, substantially as specified.

2. In a bridle, the combination, with the head, throat, and brow straps, the bit, and their connections, of the side or cheek straps connected at one end to the bit-rings and passed up through loops over the head-piece, crossing each other at the central top portion of said head-piece, passed through a loop thereon, thence extended down on opposite sides of the bridle, and terminating each in a loop for the bridle-rein, substantially as specified.

3. In a bridle, the combination, with the cheek or side straps, each passed up and through a double roller-loop at the top of the head-piece, thence respectively extended down the opposite sides of the bridle and terminating each in a loop or eye, of the bridle-reins connected to the bit and passed through said loops or eyes and having a connection with the reins, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY SCHMITZ.

Witnesses:

LOUIS WALDTER,  
ADOLPH WIENER.